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The Daily Republican on sale at the fol-
lowing places in Los Angeles: Hollen-
beck hotel news stand, and B. F. Gar-
ner, 305 South Spring street.



PHOENIX, ARIZ., MARCH 2, 1905.

Blind to the Obvious Solution.

The tendency of mankind to reach
an object by trying to encircle Robin
Hood's barn—which didn't exist—in-
stead of going straight across lots, is
brilliantly illustrated by the local dis-
cussions of the Cave Creek floods and
the means to prevent the same from
doing damage.

"Prominent citizens" suggest this
and that, and the legislature is asked
to do this and that, while the simplest
and least expensive method of all is
generally ignored.

The cutting of new channels, and the
growth of thickets in the course of the
old channel, have placed the western
portion of Phoenix and a large sec-
tion of highly valuable farming land
in the direct route of the floods as they
are turned loose from Cave Creek.
So much is understood by everybody.
It is known, also, that by doing a
certain amount of excavation and by
constructing certain dykes the threat-
ening waters can be safely di-
verted to the desert on the west, as
formerly.

It is merely a question of expense,
and who shall bear the expense. And
on this head there is a multitude of
unnecessary counsel.

And all the while, the territory,
whose property is damaged by each
flood, has four hundred fat and lazy
men penned up at Yuma in idleness—
men condemned by the law to serve
definite terms at "hard labor."

The cost of defending the valley
against the floods of Cave creek will
be represented wholly by the outlay
for labor. Two hundred men from the
prison could do all the construction
that is necessary, within a month.
They would cost no more for main-
tenance here than they cost at Yuma,
and little more for guards. The ex-
pense for transportation would be
nominal. If proper arrangements were
entered into with the railway compa-
nies.

The committee appointed by the
board of trade to report upon the ques-
tion has advised that it will cost some
\$25,000 to build the necessary works.
If prison labor is utilized the work
will not cost over one-fourth of the
sum estimated by the committee.

If the legislature cannot appreciate
the importance of legislation author-
izing prison labor in public work, a
strong delegation of citizens should
wait upon the law-makers and show
them that this question of dealing
with Cave Creek floods—and above all,
the question of providing employment
for the convicts on the roads of the
territory—is quite as important as leg-
islation on the problem of dogs.

Burbank's Thornless Cactus.

An article by William S. Harwood in
the March Century, on Luther Burbank,
California's famous "Wonder-
Worker of Science," gives for the first
time an authoritative account of Mr.
Burbank's achievements in creating
new forms of plant life. This modest
and hitherto moneyless worker at Santa
Rosa has placed the world under
obligations to him by his production of
new vegetables, fruits and flowers, and
the value of his work is just beginning
to be realized. Thanks to the finan-
cial help recently extended by the Car-
negie Institute of Washington, Mr.
Burbank will not hereafter be ham-
pered by lack of funds.

The Century article, which is only
the first of a series of papers by Mr.
Harwood on the subject, presents in a
clear and interesting way some of
the results already accomplished by
Mr. Burbank, and what is said of the
recently announced production of a
thornless cactus will be of special in-
terest to the people of Arizona and
California. We cannot do better than
quote what Mr. Harwood says of the
new cactus:

"I do not know that I can better
illustrate in concrete form the wonder-
ful work Mr. Burbank has done in the
reclamation of the desert than to cite,
on his proving grounds at Santa Rosa,
the example of a cactus of the average
desert type protecting its fruit by
means of the most deadly thorns, its
leaves filled with fibrous substances
that bring death to the cattle feeding
upon it, while beyond it stands a per-
fected cactus, not a thorn upon its
great green thick, not a spicule within
its rich meat—a huge storehouse of
hundreds of pounds of food.

"And yet this can tell nothing of the
edible qualities of the huge leaves, nor
can the picture of the delicious flavor
of the fruit—fruit which has been bred

into a degree of perfection which the
wild cactus of the plains never attains.
"A quaint smile comes over the face
of this grave man as he plucks one of
the few priceless fruits, the seeds of
which are worth far more than their
weight in gold, and are the net result
of long years of the most patient study
and persistent toil.

"If you swallow one seed," he said
to my companion, as he cuts the lu-
cious fruit with his pocket-knife, peels
away the covering, and discloses the
crimson meat, "I may possibly forgive
you; if you swallow two, I must choke
them out of you; if three, then, alas!
it must be death."

"So we eat the fruit and religiously
preserve the seed. The flavor is some-
thing quite unknown to the tongue be-
fore—a combination of the flavors of
half a dozen fruits, suggesting to some
a pineapple, to some a melon, to some
a peach, to some an apricot, but still
wholly without definition or identifica-
tion. It is full of nutrients, too; in-
fact, it has been found that the nat-
ives of some of the southern climes
virtually live upon the fruit of one of
the cactus plants, developing a race, and
developing a truly Japanese vigor.

"But Mr. Burbank opens one more
fruit. This time the longitudinal slit
of the knife reveals a golden meat
wholly different in flavor. Each fruit
is in form like a fat cucumber flat-
tened at the ends, say two and a half
inches in diameter by three and a half
inches in length.

"One of the more highly developed
plants, grown to gigantic stature in
three years, has over six hundred
pounds of nutritious food for man and
beast in it, and as you look upon this
one plant and think of the vast multi-
plication of it now possible, you begin
to see something of what is to come
to pass in the reclamation of the waste
places of the earth. You call to mind
the quotation which he made to a
friend, as he looked out upon the fu-
ture of this, but one of the hundreds
upon hundreds of works he is engaged
upon for the welfare of man: 'The
wilderness and the solitary place shall
be glad for them; and the desert shall
rejoice and blossom as the rose.'

"I asked Mr. Burbank if there might
not be in this wonderful growth some-
thing of interest to the paper-maker;
and he not only said yes, but a prodig-
ious amount of cellulose fiber suit-
able for manufacture into paper."

"No," he said, "that is precisely
what I have bred out of it. I am mak-
ing it an intensive as well as an exten-
sive, food, eliminating as far as pos-
sible the cellulose as it appears in
woody, fiber-like material, and making
the whole plant, from root to crown,
a reservoir of food. Nature will do
her part always. She never lies; she
never deceives; but often, in the sight
of man, and from his standpoint, she
fails. She failed, in this negative sense,
in giving to the cactus the thorns and
spicules. Nature has her secrets, her
disappointments, if you will, and you
must listen close to her great heart if
you would hear them; then with all
haste and power come to her aid. In
the cactus very much, from our point
of view, was wasted on the spicules
and thorns. I have singly helped her
by taking away from her the necessity
of producing them, and have left her
free to put all her energy upon pro-
ducing food. It is food, not fiber, that
I have sought in the cactus."

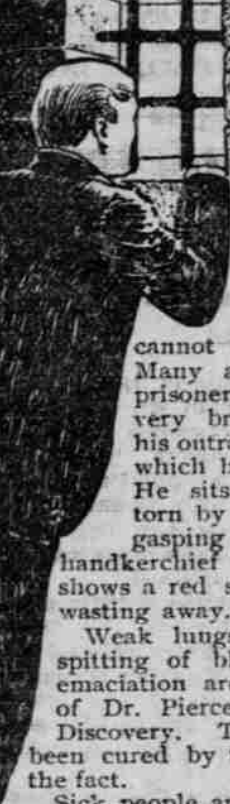
After this quotation from Mr. Bur-
bank Mr. Harwood resumes his com-
ments:

"The cactus now becomes a definite,
practical food. It may be eaten raw
or cooked. The leaves may be put up
and preserved, as ginger or onion
rinds or citrus. They may be eaten in
a variety of ways, while the fruit it-
self will prove one of the delicacies
of the markets.

"But not only has the constitution
of the cactus plants been changed for
so that it needs only to be adopted
by the world to become a new source
of food supply, but it has in the mean-
while been made so hardy that it will
endure the coldest climates; it may be
grown from the equator to the pole,
or as far north as any vegetation can
be produced. The new plants preserve
their type also, never reverting but al-
ways persisting. There is apparently
no degeneracy, no return to its coat of
mail, but a steady persistence in its
new life-habits and its physical struc-
ture."

"It is a most curious plant, too, and
will grow alike from seed or leaf. All
that is needed is to put part of a thick
leaf into the soil or even to throw it
down and let it dry in the sun; in due

A PRISONER FOR LIFE



Offences against
the laws of
health are pun-
ished rigorously
and inevitably
by nature. A
man may break
civil laws and es-
cape punishment.
But the man who
transgresses na-
ture's law of health
cannot escape the penalty.
Many a man is to-day
a prisoner for life, because
of his outrage of the laws upon
which health is conditioned.
He sits idly in his chair
torn by coughing spells and
gasping for breath. The
handkerchief which wipes his lips
shows a red stain. He is slowly
wasting away.

Weak lungs, obstinate coughs,
spitting of blood, weakness and
emaciation are cured by the use
of Dr. Pierce's Golden Medical
Discovery. Thousands who have
been cured by this medicine attest
the fact.
Sick people are invited to consult
Dr. Pierce by letter, free. All corre-
spondence is held as strictly private
and sacredly confidential. Address Dr.
R. V. Pierce, Buffalo, N. Y.
Accept no substitute for "Golden
Medical Discovery." The sole motive
for substitution is to enable the dealer
to make the little more profit paid on
the sale of less meritorious medicines.
"Three years ago I had the grippe,"
writes Thos. L. Linsay, of Gravel Switch, Marion Co.,
Kentucky. "It settled on my lungs, and the
doctor said I had consumption. I took six bot-
tles of 'Golden Medical Discovery,' and am
thankful to say, I am entirely well. You may
print this letter if you see fit to do so."
Dr. Pierce's Pleasant Pellets keep the
bowels in healthy activity.

RAIN AND WEATHER

Total Precipitation, This Storm 1.24;
This Year 7.95 inches.

The rain Tuesday night, of which
there was brief mention in yesterday
morning's issue was for a short time
the heaviest precipitation of the present
storm. Between 6:45 and 7:35
forty minutes, 49 of an inch of water
fell. That individual rain lasting from
6:13 to 8:15, totaled .55 of an inch and
between 9:24 and 10:20 o'clock another
hundredth of an inch fell. Including
the above, from Monday night at mid-
night to Tuesday at midnight the total
precipitation was .75 and between
5:45 a. m. and 12:30 p. m. yesterday
there was an additional .02. The total
for this storm to yesterday after-
noon was 1.24.

The total rainfall for the month of
January was 3.31 and for February
4.64, making the total from the first
of January to March 1, 7.95. As the
annual average rainfall for this section
is 6.96 it will be seen that to
March 1 there was an excess of .99
over the normal for the entire year.
The year 1904 was unusually dry the
total precipitation being 5.51, hence
this year there has been already an ex-
cess of 2.44 over last year's entire
rainfall.

The atmospheric pressure was in-
creasing yesterday and the wind was
shifting to the west and southwest
with a velocity of from four to eight
miles. The wind direction alone was
an indication of the end of the rain,
though that feature alone is not al-
ways to be depended upon and the
forecast announced yesterday was for
continued rain today. Yesterday
morning's reports showed .28 rainfall
in Flagstaff; .18 rainfall in Yuma and
.24 rainfall in San Diego. The atmos-
pheric depression is still off San Diego

and it was cloudy yesterday all over
the southwest. The present storm has
reached as far east as central Texas.
The temperatures were nearly normal
all over the west. No special cold
wave was noted anywhere, though a
moderately cold wave was just leaving
the country off the north Atlantic

coast. The following places reported
temperatures at freezing or below:
Chicago 32; Flagstaff 32; New York
24; St. Paul 30.

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steaks make life worth living in Phoe-
nix.

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MEDICAL EXAMINER

Of the United States Treasury Recommends
Pe-ru-na.

Other Prominent Physicians Use
and Endorse Pe-ru-na.

DR. LLEWELLYN Jordan, Medi-
cal Examiner of the U. S. Treasury
Department, graduate of Columbia Col-
lege, and who served three years at West
Point, has the following to say of Peruna:
"Allow me to express my grati-
tude to you for the benefit derived
from your wonderful remedy. One
short month has brought forth a
vast change and I now consider myself
a well man after months of suffering. Fellow
sufferers, Peruna will cure you."

A constantly increasing number
of physicians prescribe Peruna in their
practice. It has proven its merits so
thoroughly that even the doctors have
overcome their prejudice against so-called
patent medicines and recommend it
to their patients.

Peruna occupies a unique position in
medical science. It is the only internal
systemic catarrh remedy known to the
medical profession to-day. Catarrh, as
everyone will admit, is the cause of one-
half the disease which afflicts mankind.
Catarrh and catarrhal diseases afflict
one-half of the people of United States.

Robert R. Roberts, M. D., Wash-
ington, D. C., writes:
"Through my own experience
as well as that of many of my
friends and acquaintances who
have been cured or relieved of cat-
arrh by the use of Hartman's
Peruna, I can confidently recom-
mend it to those suffering from such
disorders, and have no hesitation in
prescribing it to my patients."
Robert R. Roberts.

Dr. R. Robbins, Muskegon, I. T.,
writes:

"Peruna is the best medicine I know
of for coughs and to strengthen a weak
stomach and to give appetite. Besides
prescribing it for catarrh, I have ordered
it for weak and debilitated people, and
have not had a patient but said it helped
him. It is an excellent medicine and it
fits so many cases.

"I have a large practice, and have a
chance to prescribe your Peruna. I hope
you may live long to do good to the sick
and the suffering."

Dr. M. C. Geo, writes from 513 Jones
St., San Francisco, Cal.:
"Peruna has performed so many won-
derful cures in San Francisco that I am
convinced that it is a valuable remedy.
I have frequently advised its use for

and it was cloudy yesterday all over
the southwest. The present storm has
reached as far east as central Texas.
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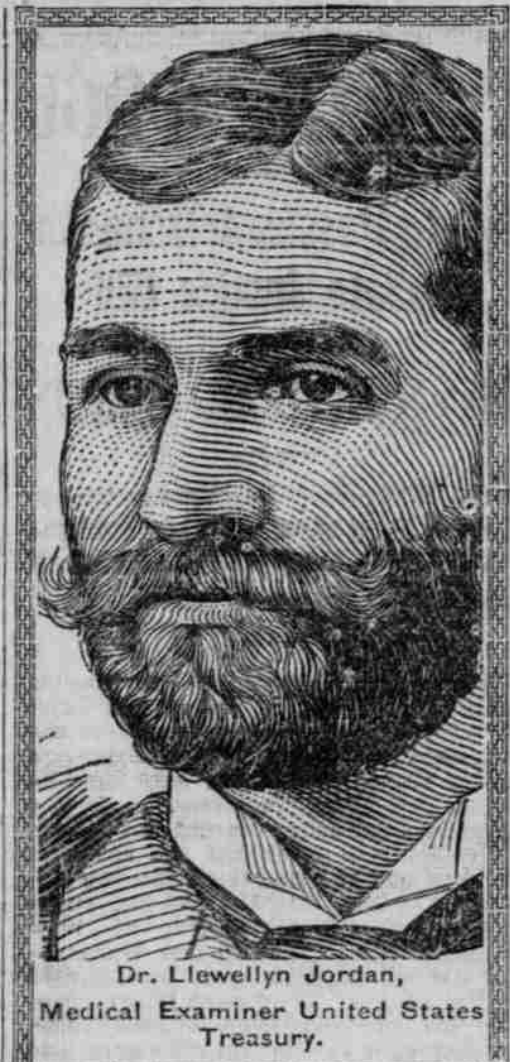
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Dr. Llewellyn Jordan,
Medical Examiner United States
Treasury.

women, as I find it insures regular and
painless menstruation, cures leucorrhoea
and ovarian troubles, and builds up the
entire system. I also consider it one of
the finest catarrh remedies I know of."
—M. C. Geo, M. D.

Catarrh is a systemic disease curable
only by systemic treatment. A remedy
that cures catarrh must aim directly at
the depressed nerve centers. This is
what Peruna does.

Peruna immediately invigorates the
nerve-centers which give vitality to the
mucous membranes. Then catarrh dis-
appears. Then catarrh is permanently
cured.

If you do not derive prompt and sat-
isfactory results from the use of Peruna
write at once to Dr. Hartman, giving a
full statement of your case, and he will
be pleased to give you his valuable ad-
vice gratis.

Address Dr. Hartman, President of
The Hartman Sanitarium, Columbus,
Ohio.

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Tur Time Into Money

Your spare time is worth
money to you if you know how
to cash it. By our system of
education by mail you can
qualify, without loss of time
from your work, for any
position in the coupon.
Fill out and send
in the coupon
TODAY!